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| Substitute for Form 1449/A-PTO | | | <i>Complete if Known</i> | |
| | | | Application Number | 10/549,950 |
| | | | Filing Date | September 20, 2005 |
| | | | First Named Inventor | Charles H. Winter et al. |
| | | | Group Art Unit | 2818 |
| | | | Examiner Name | Unknown |
| (Use as many sheets as necessary) | | | | |
| TRADEMARK | 1 | of | 3 | Attorney Docket Number |
| | | | | WSU 0200 PUSA |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner /Anthony Zimmer/ Date 09/25/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and note reasons for nonconformance. Considered _____

² See attached *Kinds of U.S. Patent Documents*. ³ The Enter Office that issued the document, by the two-letter code (WIPO) or the Enter Office that issued the document, by the two-letter code (WIPO) or the jurisdiction of the year of the reign of the king or queen of the United Kingdom.

* King of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible * Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A Z/

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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| Examiner Name | Unknown |

Attorney Docket Number WSU 0200 PUSA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|---|----------------|
| | | "Surface and Size Effect on the Lattice Parameter in Small Particles of Gold and Platinum", C. Sollard & M. Flueli, SURFACE SCIENCE, 156, 1985, pgs. 487-494 | |
| | | "Dependence of Lattice Parameters", J. Woltersdorf et al., SURFACE SCIENCE, pgs. 65-69 | |
| | | "Hyperfine Interactions in Stripped Atoms Isoelectronic with Alkali Atoms", S.N. Ray, James E. Rodgers & T.P. Das, THE AMERICAN PHYSICAL SOCIETY, Volume 13, Number 6, June 1976 | |
| | | "The Melting of Small Particles of Lead and Indium", C.J. Coombes, JOURNAL OF PHYSICS F - METAL PHYSICS, Volume 2, 1972, pgs. 440-448 | |
| | | "Melting Behavior of Nanocrystalline Aluminum Powders", J. Eckert, J.C. Holzer, C.C. Ahn, Z. Fu and W.L. Johnson, NANOSTRUCTURED MATERIALS, Vol. 2, 1983, pgs. 407-413 | |
| | | "The Size Dependence of the Melting Point of Small Particles of Tin", C.R.M. Wronski, BRITISH JOURNAL OF APPLIED PHYSICS, Volume 18, January to December 1967, pgs. 1731-1737 | |
| | | "The Instability of Polycrystalline Thin Films: Experiment and Theory", K.T. Miller & F.F. Lange, JOURNAL OF MATERIALS RESEARCH, Vol. 5, No. 1, Jan. 1990, pgs. 151-160 | |
| | | "Condensation of Ordered nanocrystal Thin Films", Brian A. Korgel & Donald Fitzmaurice, PHYSICAL REVIEW LETTERS, Volume 80, Number 16, 20 April 1998, pgs. 3531-3534 | |
| | | "The Cracking and Decohesion of Thin Films", A.G. Evans, M.D. Drory & M.S. Hu, JOURNAL OF MATERIALS RESEARCH, Volume 3, Number 5, September/October 1988, pgs. 1043-1049 | |
| | | "Spin-On Cu Films for Ultralarge Scale Integrated Metallization", Hirohiko Murakami et al., JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B, 17(5), Sep/Oct 1999, pgs. 2321-2324 | |
| | | "Chemical Vapor Deposition of Copper for Multilevel Metallization", Alain E. Kaloyerous & Michael A. Fury, MATERIAL RESEARCH SOCIETY BULLETIN, Volume XVIII, Number 6, June 1993, pgs. 22-28 | |

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| Examiner Signature | /Anthony Zimmer/ | Date Considered | 09/25/2008 |
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²Unique citation designation number. ³Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.Z./

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| <p>Substitute for Form 1449B/PTO</p> <h1>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p>(use as many sheets as necessary)</p> | | | | <small>Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE</small> Complete If Known | |
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